Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/708,822              | BEENAU ET AL.                           |
| Examiner                | Art Unit                                |

| <b>√</b> | Rejected |  |
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| II       | Allowed  |  |

|   | (Through numeral)<br>Cancelled |
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|   | - | Interference |

Daniel I. Walsh

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| Cla      | aim      |                 |          |          | D             | ate      |          |     |  | Cla       | aim      |                       |             |            | ate      |                               |   |                      | CI    | aim        |                 |              |  | Date     | е  |               |          |          |
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| _        | न        | 55              |          |          |               |          |          |     | ı  |           | ज        |                       |             |            |          |                               |   |                      |       | व          |                 |              | -  |          |  |               |          |          |
| Final    | Original | 10/28/05        |          |          | ŀ             |          |          |     |  | _<br>     | Original |                       |             |            |          |                               |   |                      | Final | Original   |                 |              |  |          |  |               |          |          |
| 证        | Ö        | 10/;            |          |          |               |          |          |     |  | 证         | Oij      |                       |             |            |          |                               |   |                      | ፲፫    | Ö          |                 |              |  |          |  |               |          |          |
|          |          |                 |          | _        | $\rightarrow$ | $\dashv$ |          | _   | _  |           |          |                       | -           | $\vdash$   |          |                               |   |                      |       |            |                 |              | _  | ļ        |  |               |          |          |
|          | 1        | <b>√</b>        | $\vdash$ | _        | _             |          | -        | _   | -  | <b>——</b> | 51       |                       | <del></del> |            |          |                               |   |                      |       | 101        |                 |              | <del> </del>                                     | <u> </u> |  |               |          |          |
| -        | 2        | 1               | $\vdash$ |          |               | _        | +        |     | -  |           | 52       |                       |             |            | -        | _                             |   |                      |       | 102        | $\vdash \vdash$ |              | <del> </del>                                     |          |  |               |          |          |
|          | 4        | <b>√</b>        |          |          |               | +        | _        |     | +  |           | 53<br>54 | -                     | ╁           |            | -        |                               |   |                      |       | 103        | $\vdash \vdash$ |              | ╀─   | -        | $\vdash$   |               | -        |          |
|          | 5        | 7               |          | ┪        | -             | $\dashv$ | +        | +   | -  |           | 55       |                       | +           | $\vdash$   | $\dashv$ |                               |   | <b></b>              |       | 105        |                 |              | <del> </del>                                     |          | $\vdash$   |               |          |          |
|          | 6        | 1               |          | $\dashv$ | $\dashv$      |          |          |     |  | $\vdash$  | 56       |                       | +           | ╁─╁        |          | _}-                           |   |                      |       | 106        |                 | +            | +-   | ┢╾       |  |               |          | -        |
|          | 7        | 1               |          | $\dashv$ | $\dashv$      | $\dashv$ | _        |     | <del>                                     </del> |           | 57       |                       |             |            |          |                               |   |                      |       | 107        |                 |              |  |          |  |               | $\dashv$ | $\dashv$ |
|          | 8        | 1               |          | 1        | +             |          |          |     |  |           | 58       |                       | <del></del> |            |          | $\dashv$                      |   | ]<br>]::::::         |       | 108        |                 | $\dashv$     |  |          |  | $\dashv$      | $\neg$   |          |
|          | 9        | 1               |          |          | $\neg$        |          |          |     |  |           | 59       |                       |             |            |          | 1                             |   |                      |       | 109        |                 |              | 1  |          |  |               |          | $\dashv$ |
|          | 10       | 1               |          |          | $\neg$        |          |          |     |  |           | 60       |                       |             |            |          |                               |   |                      |       | 110        |                 |              | Ì  |          |  |               |          |          |
|          | 11       | 1               |          |          |               | Ì        |          |     |  |           | 61       |                       |             |            |          |                               |   |                      |       | 111        |                 |              |  |          |  |               | $\neg$   | $\Box$   |
|          | 12       | 1               |          |          |               |          |          |     |  |           | 62       |                       |             |            |          |                               |   |                      |       | 112        |                 |              |  |          |  |               |          |          |
|          | 13       | 1               |          |          |               |          |          |     |  |           | 63       |                       |             |            |          |                               |   |                      |       | 113        |                 |              |  |          |  |               |          |          |
|          | 14       | 1               |          |          |               |          |          |     |  |           | 64       |                       |             |            |          |                               |   |                      |       | 114        |                 |              |  |          |  |               |          |          |
|          | 15       | 1               |          | _        | $\bot$        |          |          |     |  |           | 65       |                       |             |            |          |                               |   |                      |       | 115        |                 |              |  |          |  |               |          |          |
|          | 16       | 1               |          |          |               |          |          |     |  |           | 66       |                       | <u> </u>    |            | $\perp$  |                               |   |                      |       | 116        |                 |              | <u> </u>   |          |  |               |          |          |
|          | 17       | 1               |          | $\dashv$ | _             | _        |          |     |  |           | 67       | $\sqcup \!\!\! \perp$ |             |            |          | $\bot$                        |   |                      |       | 117        |                 |              |  |          |  |               | _        |          |
|          | 18       | 1               |          | 4        | _             |          |          | 4   |  |           | 68       |                       |             |            |          |                               |   |                      |       | 118        |                 |              | ļ  |          |  |               | _        |          |
|          | 19       | <b>V</b>        |          | $\dashv$ | _             | ┥.       |          | +   |  |           | 69       |                       |             |            |          | -                             |   |                      |       | 119        |                 |              | <u> </u>   |          |  | $-\downarrow$ | _        |          |
|          | 20       |                 |          | _        | _             | _        | - -      | _   |  |           | 70       |                       |             |            | _        |                               |   |                      |       | 120        | -               |              | <u> </u>   | _        |  |               |          |          |
| <u> </u> | 21       | -               |          | $\dashv$ | $\dashv$      | +        | -        |     |  |           | 71       |                       | -           |            |          |                               |   |                      |       | 121        |                 |              | -  |          |  |               |          | _        |
| <u> </u> | 22       |                 |          | -        | -             |          | +        |     | -  |           | 72       | $\vdash$              | +           | $\vdash$   |          |                               |   |                      |       | 122        | -               |              | ļ  | <u> </u> |  |               |          |          |
|          | 24       |                 |          | $\dashv$ | $\dashv$      | $\dashv$ | +        | +   | +  | <br>      | 73<br>74 |                       |             |            | +        | +                             |   |                      |       | 123        |                 |              |  |          |  |               |          | $\dashv$ |
|          | 25       |                 |          | ┪        | $\dashv$      | +        | +        | +   | <del> </del>                                     |           | 75       |                       |             | $\vdash$   |          | + +                           |   |                      |       | 124<br>125 |                 |              |  | -        | $\vdash$   |               |          | $\dashv$ |
|          | 26       |                 |          | $\dashv$ | $\dashv$      | $\dashv$ | _        | +   | <del>                                     </del> |           | 76       |                       | _           |            | _        | -                             |   |                      |       | 125        |                 |              | $\vdash$   | <b> </b> |  |               |          | -        |
|          | 27       |                 | -        | $\dashv$ | $\dashv$      | +        | +        | +   |  |           | 77       |                       | +           | -          |          |                               |   |                      |       | 127        |                 |              |  |          |  | $\dashv$      |          | $\dashv$ |
|          | 28       | Н               |          |          | $\dashv$      |          | $\dashv$ |     | 1  |           | 78       |                       | +           |            |          | +                             | _ |                      |       | 128        |                 |              | <del>                                     </del> |          |  | $\dashv$      |          | $\dashv$ |
|          | 29       |                 |          |          |               |          | _        |     |  |           | 79       |                       |             |            | $\dashv$ | +                             |   |                      |       | 129        |                 |              |  |          |  |               |          | $\dashv$ |
|          | 30       |                 |          |          |               |          |          |     |  |           | 80       |                       |             |            |          |                               |   |                      |       | 130        |                 |              |  |          |  | _             |          | $\neg$   |
|          | 31       |                 |          |          |               |          |          |     |  |           | 81       |                       |             |            |          |                               |   |                      |       | 131        |                 |              | <u> </u>   |          |  | 1             |          |          |
|          | 32       |                 |          |          |               |          |          |     |  |           | 82       |                       |             |            |          |                               |   |                      |       | 132        |                 |              |  |          |  |               |          | $\neg$   |
|          | 33       |                 |          |          |               |          |          |     |  |           | 83       |                       |             |            |          |                               |   |                      |       | 133        |                 |              |  |          |  |               |          |          |
|          | 34       |                 |          |          |               |          |          |     |  |           | 84       |                       |             |            |          |                               |   |                      |       | 134        |                 |              |  |          |  |               |          |          |
|          | 35       |                 |          |          |               |          | _ _      |     |  |           | 85       |                       |             |            |          |                               |   |                      |       | 135        |                 |              |  |          |  |               |          |          |
| <b></b>  | 36       |                 |          | 1        | $\bot$        |          |          |     |  |           | 86       |                       |             | $\square$  |          | $\perp \downarrow \downarrow$ |   |                      |       | 136        |                 |              |  |          |  | [             | [        | _        |
|          | 37       |                 |          | 4        |               | $\perp$  | _ _      |     |  |           | 87       |                       |             |            |          |                               |   |                      |       | 137        |                 |              |  |          |  | _             |          |          |
|          | 38       |                 | $\dashv$ | _        |               |          | - -      | _ _ | $\square$  |           | 88       |                       |             |            |          | -                             |   |                      |       | 138        |                 |              |  |          |  | _             | _        | _        |
|          | 39       |                 |          | -        |               | +        | _ -      | -   |  |           | 89       |                       |             |            |          | -                             |   |                      |       | 139        |                 |              |  |          |  |               |          | _        |
|          | 40       |                 | +        | $\dashv$ | +             | +        | 4        | _   | $\vdash$   |           | 90       |                       | -           |            | +        | -                             |   |                      |       | 140        |                 | -            |  |          |  | _             | _        | _        |
|          | 41       | ┝╌┤             |          | $\dashv$ |               | - -      | +        | +   |  | <br>      | 91       |                       | +           | -          | +        | +                             |   |                      |       | 141        |                 |              |  |          |  | $\dashv$      |          | _        |
|          | 42<br>43 | $\vdash \vdash$ |          | +        | $\dashv$      | -        | +        |     | 1  |           | 92       |                       | +           | -          | $\dashv$ | +                             |   |                      |       | 142        |                 |              |  |          | $\vdash \vdash$                                  | $\dashv$      |          | $\dashv$ |
|          | 44       |                 |          | +        | +             | $\dashv$ | +        | +   | 1_   |           | 93<br>94 |                       | +           |            |          | $\dashv$                      | _ |                      |       | 143        | $\dashv$        | <del> </del> |  |          | $\vdash$   | $\dashv$      |          |          |
|          | 45       | <b></b>         |          | $\dashv$ | _             | $\dashv$ |          | -   | +  |           | 95       |                       |             |            |          |                               |   | <b>  : : : : :  </b> |       | 144<br>145 |                 |              | -  |          | $\vdash \vdash$                                  | $\dashv$      | $\dashv$ | $\dashv$ |
|          | 46       |                 |          | $\dashv$ | +             | -        | -        | +-  | $\vdash$   |           | 96       |                       | -           |            |          | ++                            | _ |                      |       | 146        |                 |              |  |          | <del>                                     </del> | $\dashv$      |          | $\dashv$ |
|          | 47       |                 |          | $\dashv$ | -             | +        | +        |     |  |           | 97       |                       |             | -          | +        | ++                            |   |                      |       | 147        | $\dashv$        |              |  |          |  | $\dashv$      | $\dashv$ | -        |
|          | 48       |                 |          | 十        |               | +        | +        |     | ${}^{\dag}$                                      |           | 98       |                       | +           | $\vdash +$ | $\dashv$ |                               | - |                      | -     | 148        |                 |              |  |          |  | +             |          | $\dashv$ |
|          | 49       |                 | _        | 7        | _             | $\dashv$ | _        |     |  |           | 99       | _                     | 1           |            |          | ++                            |   |                      |       | 149        |                 |              |  |          | $\dashv$   | +             | $\dashv$ |          |
|          | 50       |                 | $\dashv$ | $\top$   | +             | $\dashv$ | $\dashv$ | +   | ╀─┤  |           | 100      |                       |             | $\Box$     |          | +++                           |   |                      |       | 150        | $\dashv$        | $\dashv$     |  |          |  | $\dashv$      | $\dashv$ | $\dashv$ |
|          |          |                 |          | 1.       |               |          |          |     |  | <br>      |          |                       |             |            |          |                               |   | F                    |       |            |                 |              |  |          |  |               | 1        |          |